# GOVERNMENT OF INDIA
# SCIENCE AND TECHNOLOGY
# LOK SABHA

UNSTARRED QUESTION NO:1930
ANSWERED ON:05.08.2005
MICROZONATION WORK AT JABALPUR
Singh Shri Rakesh

**Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:**

(a) whether microzonation work has been carried out in Jabalpur being an earthquake sensitive area;

(b) if so, the details thereof; and

(c) whether any scheme is under consideration of the Union Government for the development of Jabalpur being an earthquake sensitive area?

## Answer

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF SCIENCE & TECHNOLOGY AND MINISTER OF STATE (INDEPENDENT CHARGE) OF THE DEPARTMENT OF OCEAN DEVELOPMENT (SHRI KAPIL SIBAL)

(a) & (b): Sir, as per the seismic zoning map published by Bureau of Indian Standards (BIS) the country has been divided into four seismic zones. Zone V is considered to be most vulnerable to earthquakes, while Zone II is the least. Jabalpur falls in zone-III and can be expected to experience moderate intensity earthquakes. A multi-disciplinary and multi-institutional endeavor for seismic microzonation of Jabalpur was taken as a pilot project of the Department of Science & Technology during 2002-03 to establish the methodology of microzonation. The report prepared on the work done contained first cut maps on geology, seismo tectonics, liquefaction potential, site response and shear wave velocity etc.

(c) No such proposal is under consideration with the Union Government.